

ANDREW OPPENLANDER

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EDUCATION

University of Cincinnati
B.S. in Computer Science and Mathematics
GPA 3.7

Expected Graduation: April 2014

EXPERIENCE

University of Cincinnati, Department of Engineering Education
Teaching Assistant

August 2013 - Current
Cincinnati, OH

- Guided first year engineering students through labs in Engineering Fundamentals
- Evaluated student assignments and gave useful feedback

Siemens PLM
Co-op for Advanced Solutions Group

January 2011 - Current
Milford, OH

- Created mock designs for iPad and Android apps
- Worked on Android apps for Teamcenter integration and JT rendering
- Prototyped a JavaScript JT decoder/viewer using WebGL and x3dom
- Contributed to planning and research for a Google Web Toolkit based NX solution
- Worked on client and server Teamcenter customizations
- Developed a validation library for Teamcenter structures using the V8 JavaScript engine

GLaws Ltd.
Web Developer

June 2011 - Current
Cincinnati, OH

- Founding developer of an international legal document repository
- Worked on internationalization using I18N for site translation
- Built the site with JavaEE, Spring Framework, Hippo CMS, MySQL, and jQuery

University of Cincinnati, Department of Athletics
Athletics Tutor

June 2010 - December 2010
Cincinnati, OH

- Communicated academic strategies to student athletes
- Developed different problem solving methods based upon student's needs

Tec^Edge
Summer At The Edge Participant

June 2010 - September 2010
Wright-Patterson AFB, Dayton, OH

- Developed an interface for a sensor network using Java and NASA World Wind

TECHNICAL STRENGTHS

Computer Languages	Java, JavaScript, C++, (Minor: Python, Ruby, LaTeX, PHP)
Protocols & APIs	XML, JSON, SOAP, REST
Libraries	Android, Spring, (Minor: jQuery, Wordpress)
Databases	MySQL, Oracle
OS & Servers	Linux, Windows, Tomcat, httpd, JBoss
Tools	Git, Emacs, Eclipse, IntelliJ IDEA